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Structure of a Time Division and Recorded Program Network Connection Commutator, by P. Danan, P. Guillarme, et al. 24 pp.
FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE DEPARTMENT OF DEFENSE ONLY
FRENCH, rpt, Societe Anonyme de Telecommunications (Colloque International de Commutation Electronique) Article No 20K, Meeting No. 29, 28 pp.
P100154268-V
FTD-HT-23-1000-67

Sci/Electronics
Aug 68

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Retreatment of Irradiated Fuels. Safety Calculations for Neutron and Gamma Radiation, by F. Servais.
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P911200368-V
AEC-ANL-Trans-618

Sci-Phys
Aug 68

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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Braconier, F. F. A. and Bihan, H. Le.
PREPARATION OF VINYL CHLORIDE: DESCRIPTIVE MEMORANDUM. [1961] 13p.
Order from SLA $1.60 62-10613

Trans. of mono. descriptive memorandum filed in support of an application for a patent by Societe Belge de l'Azote et des Produits Chimiques du Marly (Priority: British application from 18 Dec 59).

DESCRIPTORS: *Vinyl chlorides, Synthesis, Acetylenes, Ethylenes, Hydrocarbons, Pyrolysis, Plastics.

(Chemistry--Organic, TT, v. 8, no. 7)

62-10613

I. Braconier, F. F. A.
II. Bihan, H. le
III. Title: Societe ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

62-32041

USE OF PLUTONIUM AS FUEL IN NUCLEAR REACTORS. Quarterly rept. no. 1, 15 July-15 60, on Contract 027-60-7 RDB, [1962] 83p. Supersedes TID-11 859.
Order from OTS or SLA $8.40 EURAEC-22

Trans. of rept. from Societe Belge pour l Industrie Nucleaire, Brussels and Centre d'Etude de l'Energie Nucleaire, Brussels (Belgium) n.d.

DESCRIPTORS: Nuclear reactors, *Reactor fuels, Reactor materials, *Plutonium, Chemistry, Processing, *Structural materials, Physical properties, Thermal expansion, Mechanical properties, Oxides, Carbides, Alloys, Reactor fuel processing.

(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 3)

I. TID-11 859 superseded
II. EURAEC-22
III. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

USE OF PLUTONIUM AS FUEL IN NUCLEAR REACTORS. Quarterly rept. no. 3, 1 Jan-31 Mar 61, on Contract 027-60-7 RDB. [1962]61p.
Order from OTS or SLA $6.60 EURAEC-80

Trans. of a rept. from Société Belge pour l'Industrie Nucléaire, Brussels, Apr 61.

DESCRIPTORS: Nuclear reactors, *Reactor fuels, Reactor materials, *Plutonium, Plutonium compounds, Uranium compounds, Dioxides, *Ceramic materials, Carbides, Processing, Physical properties, Mechanical properties, Zirconium alloys, Niobium alloys, Alloys, Metallurgy, Reactor fuel processing.

(See also EURAEC-22)

(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 3)

62-32033

I. EURAEC-80
II. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Billiau, R., Jonckheere, E. and others.
USE OF PLUTONIUM AS FUEL IN NUCLEAR REACTORS [AND] RESEARCH ON COVERING URANIUM-CONTENT CERAMIC PARTICLES BY MEANS OF METALLIC NIOBIUM. Quarterly rept. no. 6, 1 Oct-31 Dec 61 and appendix (summary of quarterly repts. 1-2, for period 15 July-31 Dec [60]) on Contract 027-60-7 RDB. [1962] 58p.
Order from OTS or SLA $5.60 EURAEC-227

Trans. of a rept. (including appendix) from Société Belge pour l'Industrie Nucléaire, Brussels, Jan 62.

DESCRIPTORS: *Nuclear reactors, *Reactor fuels, *Plutonium, *Ceramic materials, Particles, *Niobium, *Metal coatings, Chemical analysis, *Uranium, Plutonium compounds, Oxides, Reactor fuel processing, Physical properties, Mechanical properties.

(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 3)

63-15063

I. Billiau, R.
II. Jonckheere, E.
III. Title; Research ...
IV. EURAEC-227
V. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

63-15062

USE OF PLUTONIUM AS FUEL IN NUCLEAR REACTORS (IRRADIATION). Quarterly rept. 1 (Irradiation) for 1 Dec-31 Dec 61, on Contract 078-61-12 RDB. [1962] 20p.
Order from OTS or SLA $1.60 EURAEC-237

Trans. of a rept. from Société Belge pour l'Industrie Nucléaire, Brussels, Jan 62.

DESCRIPTORS: *Plutonium, *Reactor fuels, *Fuel elements, *Nuclear reactors, Ceramic materials, Sintering, Pipes, Reactor fuel processing, Thermodynamics, Laboratory equipment, Tests.

This report describes the principle of the techniques and characteristics of different apparatus. The study and perfecting of which have been the object of research during the decade mentioned. Topics include: (1) Study and perfecting of an apparatus for the out-of-pile
(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 3) (over)

I. EURAEC-237
II. EURATOM (Belgium)

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Nov 66

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Interstitial Neuritis, Hypertrophic and Progressive, of Children, by J. Dejerine, J. Sottas, 21 pp.

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NIH 3-32

Sci - Med

Apr 59

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ACSI H-8239
ID 2158103

Sci - Med
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Partially Reversible Inactivation, By $HgCl_2$ of the Virus Called "Tobacco Necrosis", 5pp. FRENCH, per, Societe de Biologie et de ses Filiales, Vol 127, 1938, pp 1464-1467. CFSTI TT-64-18994.

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Experimental Progressive Biliary Obstruction.
No.1,Output and Pressure, by Francois Besancon.
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SIA-TT-64-18998

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Experimental Progressive Biliary Obstruction II. Preferential Excretion of Bilirubin with Respect to Bromsulfonphthalein, by Francois Besancon and Marcel Mouvier.
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Sci-M/B
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Study of the Salicylemia of the Dog After Ingestion of Ordinary or Silicone Acetysalicylic Acid, by O. Blanpin.
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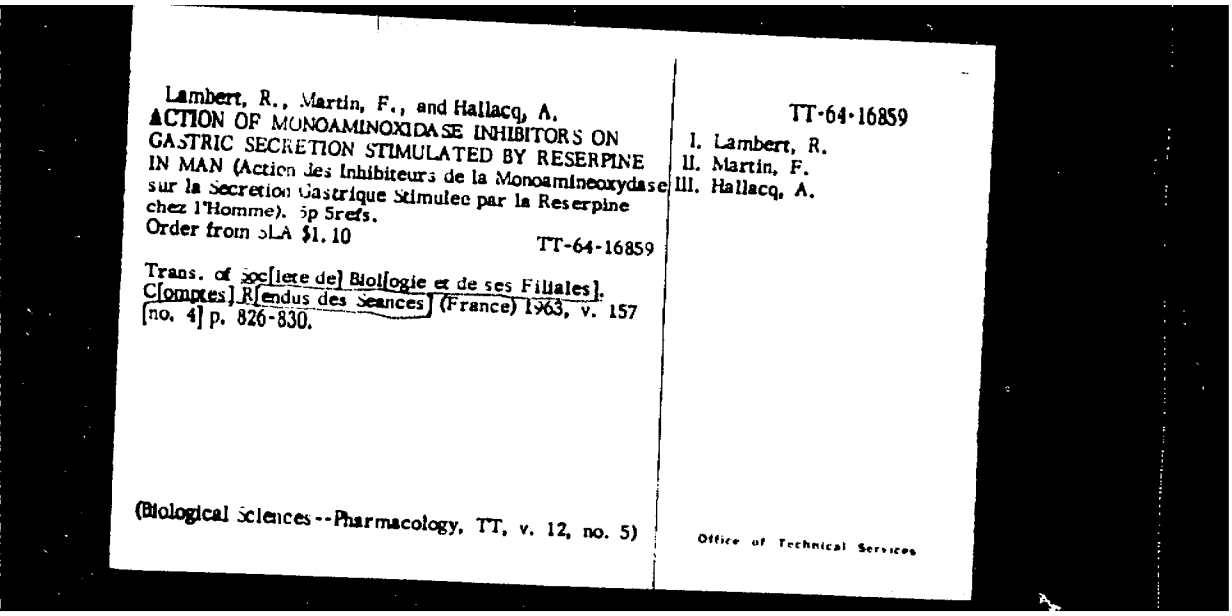

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ACTION OF MONOAMINOXIDASE INHIBITORS ON GASTRIC SECRETION STIMULATED BY RESERPINE IN MAN (Action des Inhibiteurs de la Monoamineoxydase sur la Secretion Gastrique Stimulee par la Reserpine chez l'Homme). 5p 5refs.
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(Biological Sciences--Pharmacology, TT, v. 12, no. 5)

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III. Hallacq, A.

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Investigation of a Method of Evaluation of the Quantity of Sleep. I. Influence of the Deprivation of Sleep Upon Various Quantitative Expressions of the Spontaneous Motility of the Sleeper, by by G. Schaff, G. Marbach.

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MIH 4-26-63

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Sci - Chemistry
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Synergistic Action of the Auxins and of Tomato Sap on the Growth of Vegetative Tissues Cultivated in Vitro, by J. P. Nitsch, C. Nitsch, 26 pp.
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Investigation of the Nature of the Antianemia Factor of Liver Effective in Lead Anemia of Rabbits, by M. Loureau, 6 pp.

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Vol III, No 5

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Effect of Bile Salts on Certain Grain-Positive Protein Complexes, by Jacques Panijel, 21 pp.

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SLA 60-10640

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Sci -
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Vol XXXII, 1950, pp 228-235.
*NASA TT-F-10885

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Method for Purification of Lecithins
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SLA 60-10638

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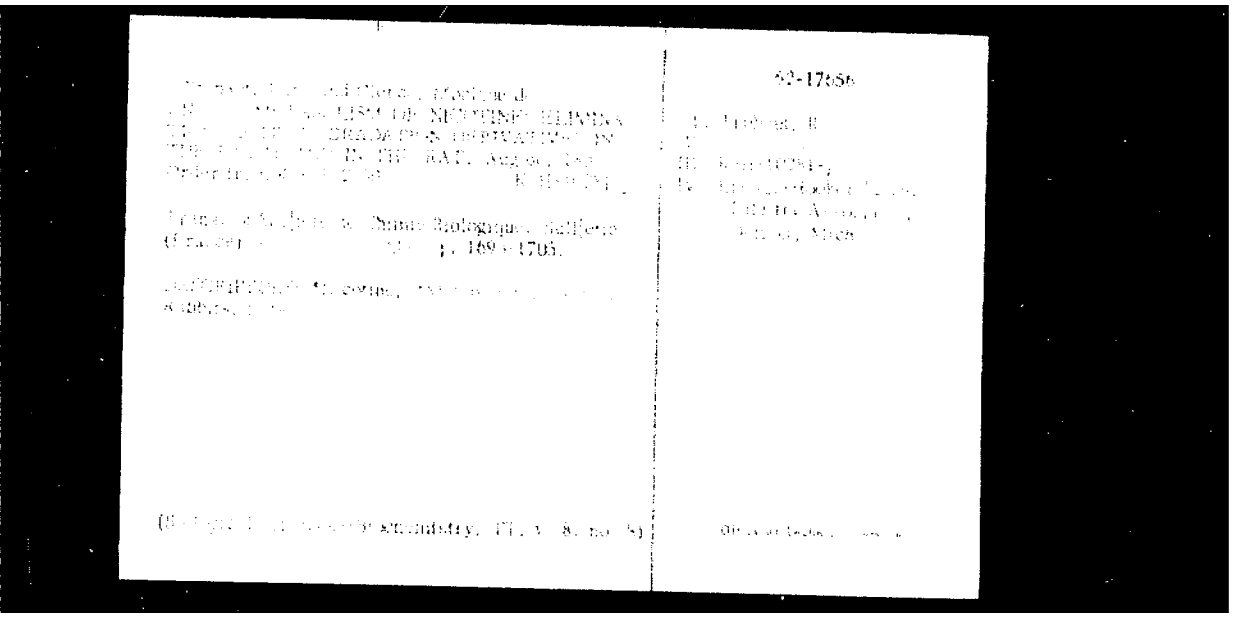

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Jutisz, Marian, Theoleyre, Madeleine, Colonge, Andree, and Courrier, Robert.
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Trans. of Soc[iete de] Chimie] Biol[ogique]. Bull[etin] (France) 1962, v. 44 [no. 1] p. 83-90.

(Biological Sciences--Biochemistry, TT, v. 12, no. 5)

TT-64-16935

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Synthesis of an Isomer and of a Homologue of Ephedrine, by E. Fourneau, D. Benoît, M. E. Firmenich, llp.
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BLA TT-64-30620

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Oxidation of Cyclohexane Hydrocarbons,
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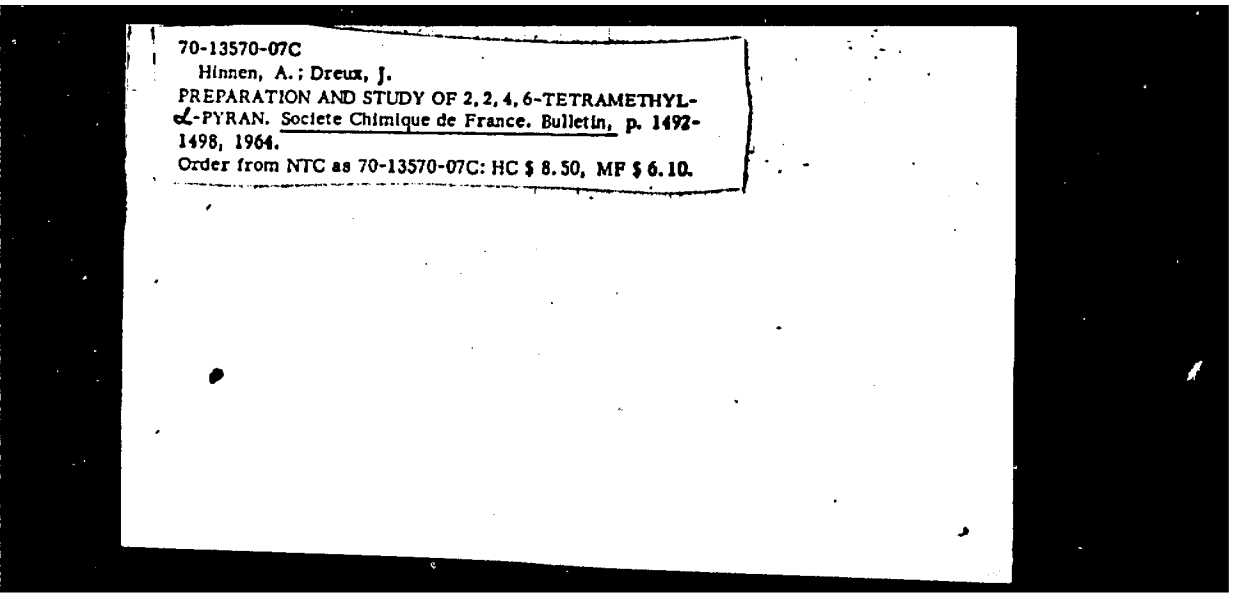

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OTS AD-609 162

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The Hydrated Germanium Oxides $GeO_2.xH_2O.aq.$
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R-5700-D
12 Aug 65

Sur les composes formes par la thorine avec les oxydes de metaux tetravalents

By: P. Jorba, et al

From: Societe Chimique de France Bulletin, Jan-June 1961 pp 79-81

French - est. for wds:

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[redacted]
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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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NTC 71-11124-21B

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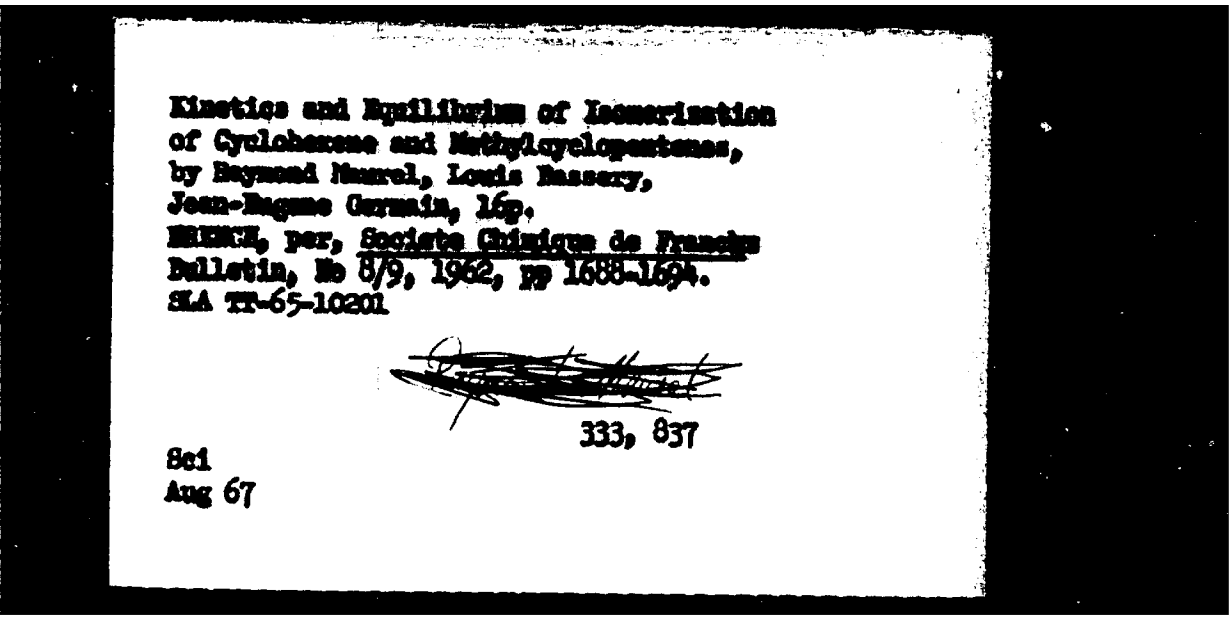

Kinetics and Equilibrium of Isomerization of Cyclohexane and Methylcyclopentanes, by Raymond Maurel, Louis Massary, Jean-Eugene Germain, 16p. [illegible], per, Societe Chimique de France Bulletin, No 8/9, 1962, pp 1688-1694. SLA TT-65-10201

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Sci
Aug 67

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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Agency: Air Force
P.O. #: ARL 72-0001 72-011

Title: Preparation par reaction a l'etat solide et principales proprietes dex oxy-nitrures d'aluminium.

Author: Lejus, Anne-Marie
Source: Soc. Chim. de Fr. Bull. No.11-12, 1962, pages 2123-2126.

Language: French to English.
Special Instructions: Please translate and type one copy.

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

The Mechanism of Stereospecific Polymerization by the Transition Metals, by Francois Dawans, Philippe Teyssie, 36p.
FRENCH, per, Societe Chimique de France. Bulletin, No 10, 1963, pp 2376-2392.
SLA TT-65-10200

333, 810

Sci
Jul 67

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Voltolysis of Cyclohexane in Liquid Phase, by H. Gruseck-Lutz.
FRENCH, per, Societe Chimique de France.
Bol 1, 1964, pp 19-22.
SLA TT-66-10817

331, 507

Sci - Chem
Jul 67

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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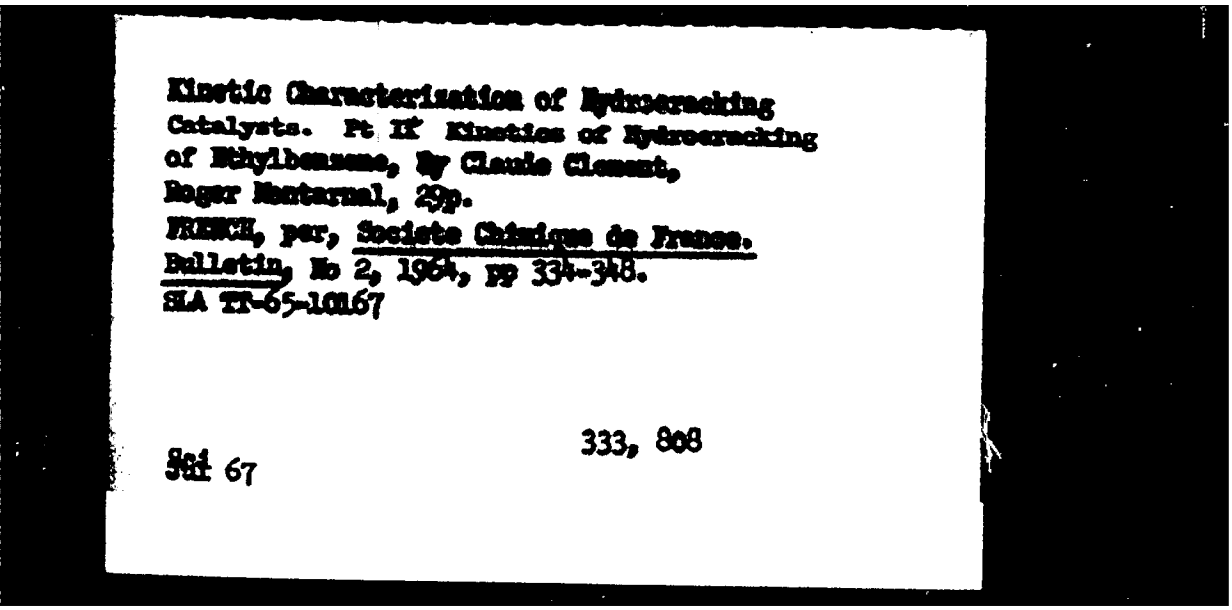


Kinetic Characterization of Hydrocracking Catalysts. Pt II' Kinetics of Hydrocracking of Ethylbenzene, By Claude Clement, Roger Montarnal, 29p.
FRENCH, per, Societe Chimique de France. Bulletin, No 2, 1964, pp 334-348.
SLA TT-65-10167

333, 808

Sel
Sat 67

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Properties of the Resin Amino Diacetate Dowex A-1,
by R. Rosset, 26 p.
FRENCH, per, Societe Chimique de France, Bulleten,
No 8, 1964, pp 1845-1852.
IICH-8692

Sci-M&M
Jun 66

304,140

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

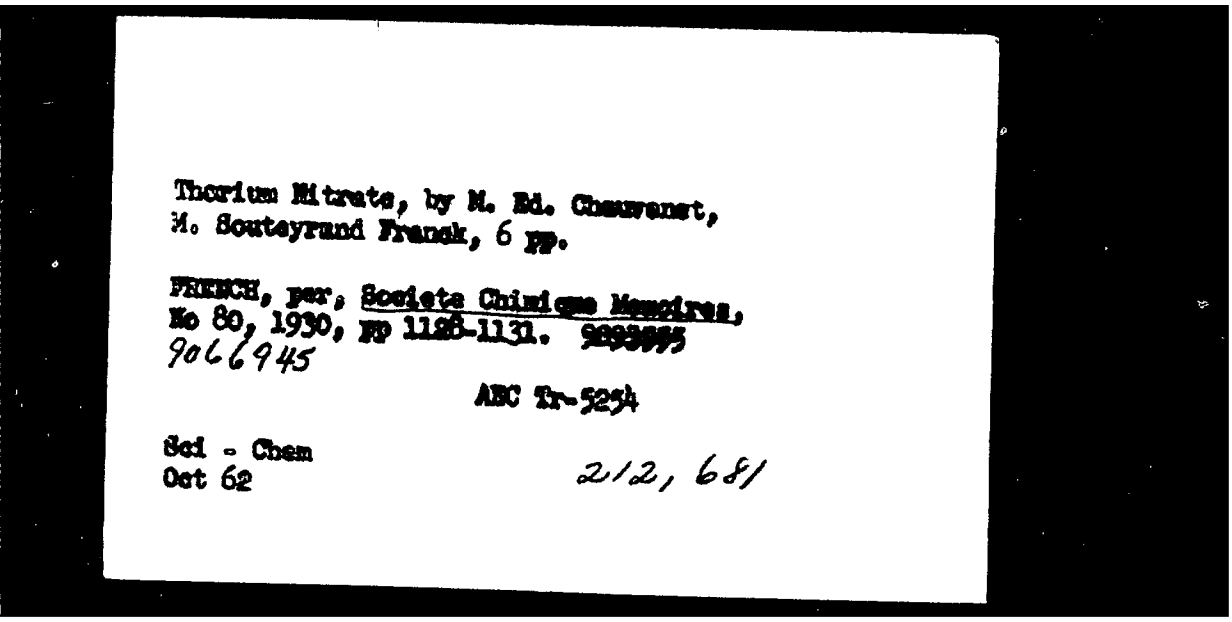
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Study of the Prins Reaction. IX. Descriptive Study of the 1-Butene-Formaldehyde, 2-Butene-Formaldehydes and Butadiene-Formaldehyde S System, by M. Hellin, M. Davidson.
FRENCE, per, Societe Chimique de France Bulletin, No 11, 1964, pp 2974-2986.
SIA TT-66-10654

Sci-Chem
Jul 66 305,535

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2



Thorium Nitrate, by M. Ed. Chauvenet, M. Souteyrand Franck, 6 pp.

FRENCH, per, Societe Chimique Memoires, No 80, 1930, pp 1128-1131. 9203095
906945

AEC Tr-5254

Sci - Chem
Oct 62

212, 681

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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Bonfiglioli, G., Ferroi, A., and Montalanti, G.
THEORY OF MELTING METALS. [1963] [15p]
11 refs
Order from SLA $1.60 TT-64-10456

Trans. of mono. [Société de Chimie Physique. 2eme Reunion Annuele. Comptes Rendus] Paris, 1952, Changement de Phases, p. 348-354.

DESCRIPTORS: Metals, Melting, Kinetic theory, Phase studies, Crystal lattices, Thermal expansion, *Liquid metals, *Metallic crystals.

(Physics--Solid State, TT, v. 11, no. 10)

TT-64-10456

I. Bonfiglioli, G.
II. Ferroi, A.
III. Montalanti, G.
IV. Title: Changement ...

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8.

A. Large External Spling; Stretcher-Cradle for Immobilization and Transport; C. Stretcher-Cradle for Immobilization and Transport of Grave Multiple Fracture Cases, by M. H. Rouvillois, 6 pp, (ID 2037102).

FRENCH, Societe de Chirurgie, 25 Apr 1923, 17 Mar 1924.

ACS, I, G-8453

France - WEur

45, 5-5-3

Medicine

Mar 57 CTS/DEX

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Society for Study of Reaction Propulsion, 11 pp.

RNEKH, charts, Societe D'Etude de la Propulsion par Reaction, date unknown, 9 pp.

CIA 645320

ATIC F-TS-9668/V

Sci - Aero
Mar 59

82, 856

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Society for the Study of Reaction Propulsion,
30 pp.

FRENCH, rpt, Societe D'Etude de la Propulsion par Reaction, Villejuif Research Center, Jan 1958, 33pp

CIA 645319

AFSC F-TS-5663/V

Sci - Aero
Apr 59

85-016

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

62-32028

COMPILATION OF THE LEADING EUROPEAN PRODUCERS OF ALUMINIUM, ALUMINIUM ALLOYS, ZIRCONIUM AND ZIRCALLOY. Special rept. no. 2. Mar 61, 39p.
Order from OTS or SLA $3.60 EURAEC-32

Trans. of rept. from Societe d'Etudes, de Recherches et d'Applications pour l'Industrie, Brussels (Belgium).

DESCRIPTORS: *Aluminum, *Aluminum alloys, *Zirconium, Production, Europe

(Metallurgy, TT, v. 8, no. 7)

I. EURAEC 32
II. EURATOM (Belgium)

Office of Technical Services

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62-24603

LIST OF THE PRINCIPLE EUROPEAN PRODUCERS OF STAINLESS STEELS. Special rept. no. 1 on Contract EUR/C/355/1/60f. [1962] 56p.
Order from OTS or SLA $5.60 EURAEC-31

Trans. of a rept. from Societe d'Etudes, de Recherches et d'Applications pour l'Industrie, Brussels (Belgium) Jan 61.

DESCRIPTORS: *Stainless steel, Production, Industry, Europe, *Steel Industry.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 4)

I. Title: European . . .
II. EURAEC-31
III. EURATOM (Belgium)

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

COATING OF URANIFEROUS CERAMIC PARTICLES WITH NIOBIUM METAL. Quarterly rept. no. 4, Apr-30 June 62, on Contract 066-61-7 RDB. [1963] [34]p. 5 refs.
Order from OTS or SLA $3.60 EURAEC-409

Trans. of a rept. from Société d'Études, de Recherches et d'Applications pour l'Industrie, Brussels (Belgium) July 62.

DESCRIPTORS: Metals, *Niobium, Particles, *Ceramic materials, Coatings, Metal coatings, *Uranium compounds, Oxides, Fluidized solids, X-rays.

Topics include: Coating of the UO_2 particles; characteristics of the coating processes and results of investigations on the coated particles; efficiency tests of a Delbag filter in connection with uranous oxide dust pro-
(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 9)
(over)

63-15842

I. EURAEC-409
II. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Occupational Rehabilitation of the Tuberculous Patient, by A. Maccagno, 8 pp.

ITALIAN, per, Soc Editrice Universo, 1950, p 199.

SLA Tr 2612

Sci - Medicine
Jan 58

57,315

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Permissible Performance Limits of the Fuel Elements in Graphite-CO_2 Reactors, by A. Gauvenet, M. Salesse, 22 pp.

FRENCH,rpt, Societe Europeenne d'Energie Atomique Cannes, October 8-12, 1962, 9206080.

AEC Tr 5610

Sci - Chem

230,672

May 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

PRESENT STATUS OF OUR KNOWLEDGE OF TEMPER BRITTLENESS. Special technical rept. no. 1, 1 Jan-31 Mar 62, on Contract 073-61-12 RDF. [1962] 41p. 30 refs.
Order from OTS or SLA $4.60 EURAEC-341

Trans. of a rept. from Societe des Forges et Ateliers du Creusot [Paris] (France) n.d.

DESCRIPTORS: *Steel, *Brittleness, Heat treatment, Dynamics, Microstructure, Impurities, Alloys, Transition temperature.

An analysis of the data in technical literature on reversible temper brittleness, confined to studies employing conventional laboratory methods.
(See also EURAEC-340)

(Metallurgy--Ferrous Metals, TT, v. 10, no. 5)

63-15632

I. EURAEC-341
II. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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Pile #1 No 3, Hotte No 1, Notice Descriptive de Fonctionnement et d'Entretien,

FRENCH, per, Societe des Forges et Alelires du Creusot, 24 Feb 1959.

*AEC

Sci
Aug 61
List 56

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Toltot, M. and Roques, C.
CONSTRUCTION OF A BED FOR CHARGING STEELS WITH HYDROGEN BY ELECTROLYTIC MEANS.
Special Technical rept. no. 4, 1 Jan 61-31 Mar 62, on Contract 073-61-12-RDF. [1962] 20p. 6 refs.
Order from OTS or SLA $2.60 EURAEC-344

Trans. of a rept. from Société des Forges et Ateliers du Creusot [Paris] (France) n.d.

DESCRIPTORS: *Steel, Hydrogen, Hydrogen embrittlement, Laboratory equipment, Electrolytic cells, Annealing, Failure (Mechanics), *Electrolytic polishing, Electrolytes.

An apparatus is described which was constructed with a view to carrying out systematic studies on the weakening influence of hydrogen, introduced in protonic form by electrolytic means. (See also EURAEC-343) (Metallurgy, TT, v. 10, no. 5)

63-15635

I. Toltot, M.
II. Roques, C.
III. EURAEC-344
IV. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Roques, C.
BASIC STUDY OF SOME FORMS OF BRITTLENESS AFFECTING WELDED JOINTS IN HIGH-RESISTANCE STEEL. Quarterly rept. no. 1, 1 Jan-31 Mar 62, on Contract 073-61-12 RDF. [1962] 9p.
Order from OTS or SLA $1.10 EURAEC-340

Trans. of a rept. from Société des Forges et Ateliers du Creusot [Paris] (France) n.d.

DESCRIPTORS: *Steel, Brittleness, *Welds, Metallurgy, Casting.

A preliminary report concerning the mode of approach and the materials to be employed in the proposed studies. Experimental data is given on the influence of refining elements on obtaining desired casting compositions.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 5)

63-15633

I. Roques, C.
II. EURAEC-340
III. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPARATUS FOR HIGH-TEMPERATURE MICROGRAPHIC EXAMINATIONS. Special Technical rept. no. 2, 1 Jan-31 Mar 62, on Contract 073-61-12 RDF. [1962] 21p. 5 refs.
Order from OTS or SLA $2.60 EURAEC-342

Trans. of a rept. from Société des Forges et Ateliers du Creusot [Paris] (France) n.d.

DESCRIPTORS: *High-temperature research, *Steel, Austenite, Recrystallization, Transformations, *Phase studies, *Microscopes, Design, Operation, *Metallography.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 6)

63-15076

I. EURAEC-342
II. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Toitot, M. and Roques, C.
DEVELOPMENT OF A MAGNETO-THERMODYNAMIC APPARATUS FOR THE STUDY OF MARTENSITIC TRANSFORMATIONS. Special Technical rept. no. 3, 1 Jan-31 Mar 62, on Contract 073-61-12 RDF. [1962] 23p.
Order from OTS or SLA $2.60 EURAEC-343

Trans. of a rept. from Société des Forges et Ateliers du Creusot [Paris] (France) n.d.

DESCRIPTORS: Laboratory equipment, Transition temperature, Decomposition, *Austenite, *Transformations, *Martensite, Ferromagnetism, Steel, Welds, *Magnetometers, *Temperature sensitive elements.

For the studies of $\gamma \longrightarrow \alpha$ transformations, a series of differential dilatometers were utilized for the study of heat treatments on solid pieces. These apparatuses
(Metallurgy, TT, v. 10, no. 6) (over)

63-15636

I. Toitot, M.
II. Roques, C.
III. EURAEC-343
IV. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

BASIC STUDY ON SOME OF THE FORMS OF EMBRITTLEMENT OCCURRING IN WELDED JOINTS MADE ON HIGH TENSILE STEELS. Quarterly rept. no. 2, 1 Apr-30 Jun 62. [1963] 23p
Contract 073-61-12 RDF
Order from OTS, SLA, or ETC $2.60 EURAEC-430

Trans. of a rept. from Société des Forges et Ateliers du Creusot, Paris (France) n.d.

DESCRIPTORS: *Steel, Tensile properties, *Welds, Brittleness.

Tests are taking place to perfect the test methods which will enable the influence of the various additive element impurities on the martensitic structure to be established. Furthermore, a simplified outline is suggested for the study of reversible temper embrittlement. A provisional report summarizes the results obtained in (Metallurgy--Ferrous Metals, TT, v. 11, no. 1) (over)

TT-63-15834

I. EURAEC-430
II. European Atomic Energy Community, Brussels (Belgium)

Office of Technical Services

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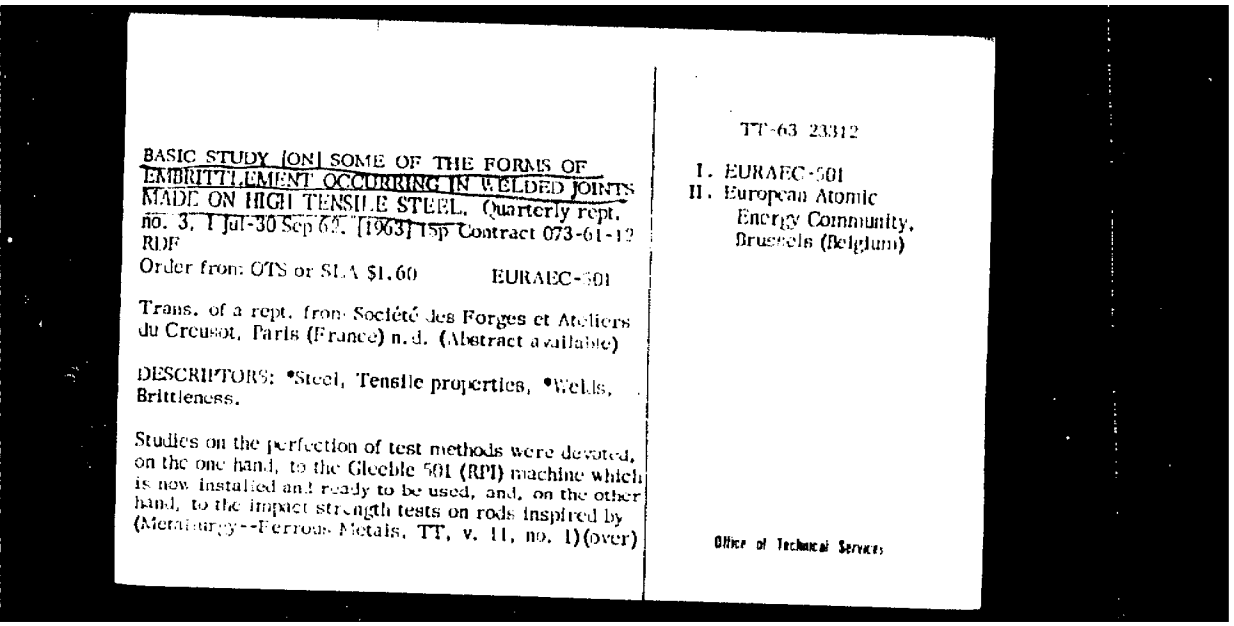

BASIC STUDY [ON] SOME OF THE FORMS OF EMBRITTLEMENT OCCURRING IN WELDED JOINTS MADE ON HIGH TENSILE STEEL. Quarterly rept. no. 3, 1 Jul-30 Sep 63. [1963] 15p Contract 073-61-12 RDF

Order from: OTS or SLA $1.60 EURAEC-501

Trans. of a rept. from Société des Forges et Ateliers du Creusot, Paris (France) n.d. (Abstract available)

DESCRIPTORS: *Steel, Tensile properties, *Welds, Brittleness.

Studies on the perfection of test methods were devoted, on the one hand, to the Gleeble 501 (RPI) machine which is now installed and ready to be used, and, on the other hand, to the impact strength tests on rods inspired by (Metallurgy--Ferrous Metals, TT, v. 11, no. 1)(over)

TT-63 23312

I. EURAEC-501
II. European Atomic Energy Community, Brussels (Belgium)

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Study of Silicates by Means of Infrared Spectrometry. Present Results and Future Prospects, by P. Tarte.
GERMAN, per, Societe Francaise de Ceramique.Bulletin 30, 1955, pp 13-34.
CSIRO/TC. 2340

Sci -
July 1957 334-440

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Studying Aluminous Fire-Clays with the Help of X-Ray Diffraction and Optical Microscopy, by A Bertrand.
FRENCH, per, Societe Francaise de Ceramique, Bulletin, No. 58, 1963, pp 75-84.
CSIRO/No. 6641

Sci -
July 1967

334,013

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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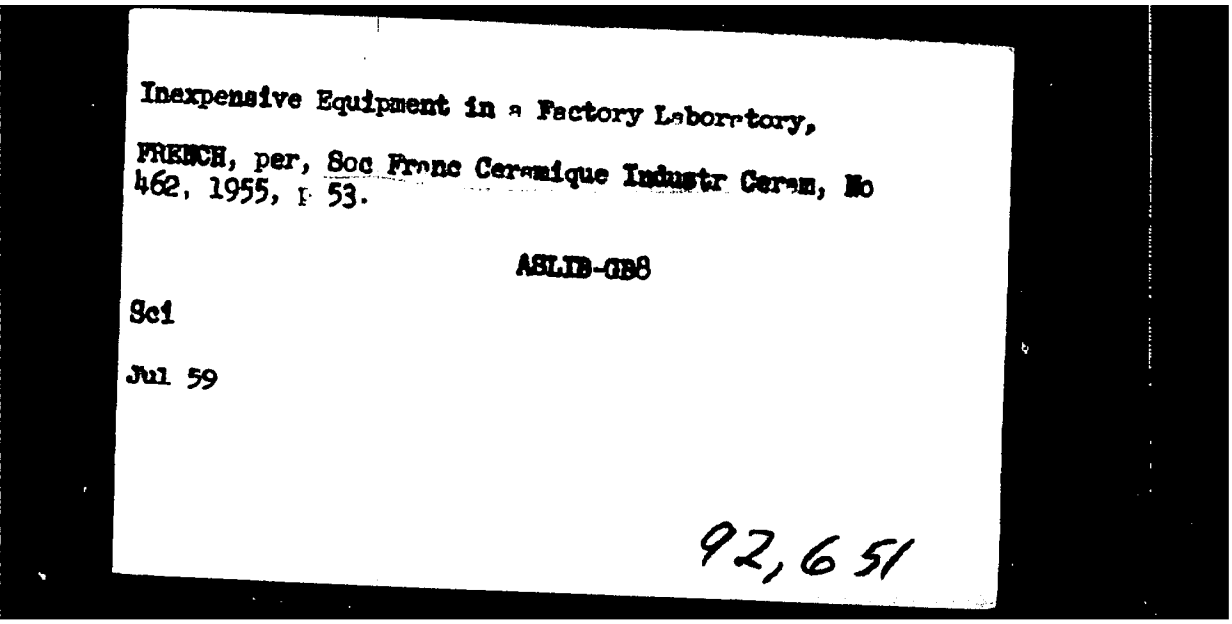

Inexpensive Equipment in a Factory Laborratory,

FRENCH, per, Soc Franc Ceramique Industr Ceram, No 462, 1955, p 53.

ASLIB-GB8

Sci

Jul 59

92,651

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Compounds Resulting from Kaolin-Alkali Salt Reactions at Temperatures Between 500 and 1000° C, by C. Jelacic.
FRENCH, per, Societe Francaise de Ceramique.
no. 34, 1964, pp. 49-56.
NTC 70-17070-11B

June 1971

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Agency: HEW/Bu. of Radiological Health Lib.
P.O.No. BPA-PLD-94-73

R-15916-D
23 Jan. 1973

Title: Lepre Oculaire Traitee Avec Sicces par la Cortisone et par Une greffe de la Cornee

Author: R.Degos, J.Voisin, O.Delzant

Source: Societe Frandaise de Dermatologie,Vol59,1952

Language: French
Instructions: Please type singel space.

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Grupper, Ch., Bregeat, P. and Juge, P.
A CASE OF "NIVAQUINO"-TABAGIC[SIC] RETINOPATHY IN A PATIENT AFFECTED WITH SUBACUTE LUPUS ERYTHEMATOSUS. [1962].
Order from K-H $10.00 K-H 10809-c

Trans. of [Societe Française de Dermatologie et de Syphiligraphi Bulletin] 1960 [v. 67] no. 2 [p. 234-238].

DESCRIPTORS: *Tobacco, *Tuberculosis, *Skin, *Retina, Diseases.

(Biological Sciences--Pathology, TT, v. 8, no. 4)

62-17366

I. Grupper, C.
II. Bregeat, P.
III. Juge, P.
IV. K-H-10809-c
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Pouard, M.
DEHYDRATION OF COMPRESSED AIR: REMARKS.
[1963] 14p
Order from SLA $1.60 TT-64-14080

Trans. of Societe Francaise des Electriciens.
Bulletin, 1959 [ser. 7] v. 9, no. 97, p. 28-34.

(Engineering, TT, v. 12, no. 2)

TT-64-14080

1. Pouard, M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Baron, M. Y.
THE PROBLEM OF COMPRESSED AIR SUPPLY TO THE CIRCUIT BREAKERS. [1964] 24p
Order from SLA $2.60 TT-64-14082

Trans. of Société Francaise des Électriciens. Bulletin, 1959 [ser. 7] v. 9, no. 97, p. 35-42.

(Engineering--Electrical, TT, v. 12, no. 2)

TT-64-14082

1. Baron, M. Y.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Gaumard, M. R.
IDEAS ON CENTRAL AND INDIVIDUAL STATIONS OF COMPRESSED AIR FOR PNEUMATIC CIRCUIT BREAKERS. [1964] [8p] (figs omitted)
Order from SLA $1.10 TT-64-14081

Trans. of Societe Francaise des Electriciens. Bulletin, 1959 [ser. 7] v. 9, no. 97, p. 43-47.

(Engineering--Electrical, TT, v. 12, no. 2)

TT-64-14081

I. Gaumard, M. R.

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Contribution of the Question of Investigating the Quality of Steel Plant Tar. II. Report of the Fall Convention, by A. Rosengren, 19 pp.

FRENCH, per, Soc Franc Metallurgie, 19-23 October 1953.

SLA Tr 1994

50,028

Sci - Fuels
Jul 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Weldability of Several Carbon or alloy Steelsx, by
C. Roques, H. Lejay, Ch. DuBXois, P. Bastien, 6 pp.

FRENCH, Societe Francaise de Metallurgie, Oct 1958

FDD/X-3727

Sci - Chem
Sep 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Systematic Study of Thin Pressed Steel Parts, by C. Uaillot.
FRENCH, per, Societe Francaise de Metallurgie Paris, 23-25 May 1960, pp 12.
BISI 4548

Sci/M&M
Sep 65

289,301

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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R-6048-D
15 Oct 65

Action of Chlorpromazine (CPZ) on Experimental Infection of Mice with P. Pestis (Vaccinal EV Strain)

By: J. Gallut & G. Girard

From: SOCIETE FRANCAISE DE MICROBIOLOGIE
1000: 672-76, 1961 (5 pp)

French - est for wda/

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Chromogenic Property of Malleomyces Pseudomallei, by E. R. Brygoo, C. Richard, 4 pp.
FRENCH, per, Soc Fr de Microbiol Inst Pasteur, pp 822-825.
*Dept of Navy/NMC

Sci-B&M
Jun 66

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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Chatelain, Pierre.
DETERMINATION OF THE ORIENTATION FACTOR IN LIQUID MONOCRYSTALS OF THE NEMATIC TYPE FROM THE VALUES OF THE INDICES.
[1961] 4p. 2 refs.
Order from SLA $1.10 61-18827

Trans. of Société Francaise de Minéralogie et de Cristallographie. Bulletin [1954] v. 77 [no. 4/6] p. 262-266.

DESCRIPTORS: *Single crystals, Determination, Liquids, Molecular structure, Temperature, Phase studies, Solids, Electromagnetic theory, Spheres, Polarization, *Solid state physics.

The theoretical interpretation of the values of the ordinary and extraordinary indices of liquid crystals show that, in spite of thermal agitation, two mole-

(Physics--Solid State, TT, v. 7, no. 5) (over)

61-18827

1. Chatelain, P.

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Projection in Binocular Vision: D'Aguillon's Ideas on the Horopter (1913), by Polliot. 16 pp. FRENCH, per, Societe Francaise d'Ophtalmologie. Bulletin et Memoires, Vol 39, 1926, pp 51-60. SLA TT-61-14365

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Occurrence of the Genus Hemigordius (?) in the Triassic of Lorraine, by G. Aurouse, L. Yapaud-jian, 3 pp.

FRENCH, per, Soc Geologique de France, Compte Rend Sommaire des Seances, 1957, No 14, pp 322-325.

ATB-34K28F

Sci - Geophys
QSU I, 12
Jul 59

92, 270

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

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STUDIES ON INDUCED VIBRATION AND PRESSURE DROP IN TUBE BUNDLES. Quarterly rept. no. 1 (4th. quarter 1960) on Contract [EURATOM 025-60-10 RDF]. 26 Jan 61, 19p. Supersedes TID-12473. Order from OTS or SLA $1.60 EURAEC-50

Trans. of rept. from Societe Grenobloise d'Etudes et d'Applications Hydrauliques (France) 1960.

DESCRIPTORS: *Hydraulic models, *Pipes, Mechanical properties, Vibration, Pressure, Fluid flow, Steel.

(Mechanics--Hydraulics, TT, v. 8, no. 8)

62-24599

I. EURAEC-50
II. TID-12473 superseded
III. EURATOM (Belgium)

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Evaluation of the Plain of Vientiane, by J. Marinet, J. Seguy, et al.

FRENCH, bk, Societe Grenobloise d'Etudes et d'Applications Hydrauliques, 1961.

*Dept of Interior

FE - China
Geog
Jul 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Leon, P.
[RESEARCH] ON VIBRATIONS AND PRESSURE LOSSES IN NESTS OF TUBES (Etude sur les Vibrations et les Pertes de Charge dans les Faisceaux Tubulaires), Preliminary theoretical Study; Special rept. no. 1 on Contract 025-60-10 RDF. [1962] 160p. (foreign text included). SOGREAH R-7884. Order from OTS or SLA $11.50 EURAEC-160

Trans. of a rept. from Société Grenobloise d'Étude et d'Applications Hydrauliques (France) n. d.

DESCRIPTORS: *Heat exchangers, Fuel rods, *Pipes, Cylindrical bodies, Vibration, Pressure, *Fluid flow, Vortices.

Contents:
Phenomena observed on the downstream side of a generated cylinder immersed in a flow
(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 4)
(over)

63-13142

I. Leon, P.
II. SOGREAH R-7884
III. EURAEC-160
IV. EURATOM (Belgium)

Office of Technical Services

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63-13141

RESEARCH ON VIBRATIONS AND HEAD LOSSES INSIDE TUBE BUNDLES. Quarterly rept. no. 2, Jan-Mar 61, on [Contract 025-60-10 RDF]. [1962] 5p. Order from OTS or SLA $1.10 EURAEC-106

Trans. of a rept. from Société Grenobloise d'Étude et d'Applications Hydrauliques (France) 24 Apr 61.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Vibration, Deflection, *Hydraulic research, Tests.

(See also EURAEC-177)

(Mechanics--Hydraulics, TT, v. 9, no. 3)

I. EURAEC-106
II. EURATOM (Belgium)

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

63-15064

RESEARCH ON VIBRATIONS AND HEAD LOSSES INSIDE TUBE BUNDLES. Quarterly rept. 5 Oct-Dec 61, on Contract 025-60-10 RDF. [1962] 12p.
Order from OTS or SLA $1.60 EURAEC-223

Trans. of a rept. from Société Grenobloise d'Étude et d'Applications Hydrauliques (France) Jan 62.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Vibration, *Hydraulic research, Tests, Fluid flow.

Tests were carried out on a hydraulic mock-up. Under flow at right angle: on a cylindrical brass rod (0.6 cm diameter-29.5 cm length), fixed at one end and free at the other. The vibrations of this rod were monitored with reference to the rate of flow which varied from 40 to 150 cm per sec. The main vibration takes place in a plane at right angle to the flow. Its frequency and amplitude varies with the velocity. The amplitude
(Chemistry--Physical, TT, v. 10, no. 4) (over)

I. EURAEC-223
II. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

63-13130

[RESEARCH ON] VIBRATIONS AND LOAD LOSSES IN TUBULAR CLUSTERS. Special rept. no. 2, Mar-Nov 61. [1962] 115p. SOGREAH R-8107. Order from OTS or SLA $9.60 EURAEC-286

Trans. of a rept. from Societe Grenobloise d'Etude et d'Applications Hydrauliques (France) Jan 62.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Rods, Girders, Elasticity, Vibration, *Mechanical waves, Load distribution, Hydraulic fluids, Fluid flow, Vortices, Harmonic analysis, Differential equations, *Hydraulic research.

Contents:
Theoretical considerations - Calculation of the frequency in air and in water

(Mechanics--Hydraulics, TT, v. 9, no. 7) (over)

I. SOGREAH R-8107
II. EURAEC-286
III. EURATOM (Belgium)

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

62-32027

RESEARCH [ON] VIBRATIONS AND LOAD LOSSES IN TUBULAR CLUSTERS. Quarterly rept. no. 3 (second quarter 1961) on Contract 025.60.10 RDF. [1962] 9p. Order from OTS or SLA $1.10 EURAEC-159

Trans. of a rept. from Société Grenobloise d'Étude et d'Applications Hydrauliques (France) 25 July 61.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Vibration, Load distribution, Vortices, *Hydraulic research.

(See also EURAEC-288)

(Mechanics--Hydraulics, TT, v. 9, no. 3)

I. EURAEC-159
II. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

63-15072

[RESEARCH ON] VIBRATIONS AND LOAD LOSSES IN TUBULAR CLUSTERS. Quarterly rept. 6, 1 Jan-31 Mar 62, on Contract 025-60-10 RDT. [1962] 7p. Order from OTS or SLA $1.10 EURAEC-294

Trans. of a rept. from Société Grenobloise d'Étude et d'Applications Hydrauliques (France) Apr 62.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Vibration, Deflection, *Hydraulic research, Tests, Fluid flow.

The purpose of the work was to study the vibrations of a cluster of tubular elements, in the form of a bunch of fuel units, in a flow parallel to the axis of the cluster. This work was divided into three parts: (1) change in the hydraulic model; (2) assembly and equipment of the bunch; and (3) preliminary tests on the central element. (Mechanics--Hydraulics, TT, v. 10, no. 4) (over)

I. EURAEC-294
II. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

62-32154

RESEARCH ON VIBRATIONS AND HEAD LOSSES INSIDE TUBE BUNDLES. Quarterly rept. no. 4, July-Sep 61, on Contract 025-60-10 RDF. [1962] 15p. Order from OTS or SLA $1.60 EURAEC-177

Trans. of a rept. from Societe Grenobloise d'Etude et d'Applications Hydrauliques (France) Oct 61.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Vibration, Deflection, *Hydraulics research, Tests.

(See also EURAEC-159)

(Mechanics--Hydraulics, TT, v. 9, no. 3)

I. EURAEC-177
II. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

63-13137

[RESEARCH ON] VIBRATIONS AND LOAD LOSSES IN TUBULAR CLUSTERS. Special rept. no. 3 (Nov-Dec 61) [1962] [43]p.
Order from OTS or JPRS $4.60 EURAEC-288

I. EURAEC-288
II. EURATOM (Belgium)

Trans. of a rept. from Société Grenobloise d'Étude et d'Applications Hydrauliques (France) Mar 62.

DESCRIPTORS: *Hydraulic models, Cylindrical bodies, Vibration, Load distribution, Vortices, *Hydraulic research.

(See also EURAEC-159)

(Mechanics--Hydraulics, TT, v. 9, no. 3)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

63-15070

[RESEARCH] ON VIBRATIONS AND LOSSES IN TUBULAR CLUSTERS. Quarterly rept. 7, 1 Apr-30 June 62, on Contract 083-62-1 RDF. [1962] 7p. Order from OTS or SLA $1.10 EURAEC-395

Trans. of a rept. from Societe Grenobloise d'Etude et d'Applications Hydrauliques (France) July 62.

DESCRIPTORS: *Heat exchangers, *Reactor fuel elements, *Hydrodynamic configurations, Fluid flow, Velocity, Vibration, Frequency, Extensiometers.

An experimental study is made of the vibrations of a cluster of fuel elements immersed in a flow parallel to its axis. The cluster studied, made up of 7 tubular elements and 6 graphite bars, was assembled and fitted with extensometry guages. As the flow velocity did not reach the anticipated value (250 cm/s), be-
(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 9)

I. EURAEC-395
II. EURATOM (Belgium)

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Investigation of the Correlation Between the Maximum Rate of Fall During Rainstorms in the Paris Region and the Total Rainfall, by H. Grisollet, R. Johansen.

FRENCH, rpt, ~~Hydrotechnic Society of France~~, Journal of the third symposium on hydraulics, Algiers, 12-14 April 1954, pp 178-181.

DSIR 34001/CT

Sci - Geophysics
Mar 59

83,309

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In-Situ Measurement of Soil Permeability, by G. Schneebeli. UNCL

FRENCH, rpt, Soc Hydrotech de France; Pluie, Evaporation, Filtration et Ecoulement: Comptes Rendus des Troisiemes Journees de l'Hydraulique, Algiers, Apr 1954, pp 270-279.

DSIR 33867/CT

Sci - Engr
Mar 59

83,203

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100360019-2

Ground Water Variations: Relations Between Precipitation, Evaporation and Runoff, by L. Ture. UNCL

FRENCH, rpt, Soc Hydrotech de France: Comptes Rendus des Troisiemes Journees de l'Hydraulique, Algiers, 1958, pp 36-44.

DSIR 33875/CT

Sci - Geophys, oceanography
Mar 59

83,198

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Recent Developments in Europe - (in the Field of Free Pistons), 6 pp.

FRENCH, rpt, Societe Industrielle Generale de Mecanique Appliqua, 1956.

Dept of Commerce
Maritime Admin
Off of Prop and Sup
Div of Off Serv (Loan)

Sci - Engineering
Jun 59

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